

ABSTRACT OF THE DISCLOSURE

A multi-display apparatus comprises a screen, and a plurality of projectors arranged in at least two columns horizontally and at least two rows vertically. Optical axes of the plurality of projectors corresponding to each column are placed on the same plane and longitudinal angles  $\theta_1$  and  $\theta_2$  of the optical paths are made difference as least between two rows. Employing this arrangement enables the plurality of projectors corresponding to respective rows and columns to be positioned as if they form a single light source, prevents the problem of mutual interference between the projection optical paths caused when a given projector enters the projection optical paths of the projectors of each row or column when reflecting mirrors are used, and enables a compact multi-display apparatus to be made.

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